

**REVISED**

9:30 am, Jun 17, 2009



MISSOURI DEPARTMENT OF HEALTH  
STATE PUBLIC HEALTH LABORATORY  
**DATAMASTER MAINTENANCE REPORT**

GHQ Academy

Complete this report in duplicate at the time of the regular monthly preventive maintenance check, and whenever instrument is repaired. Send copy to Department of Health; retain original in department file.

DATAMASTER SN <b>940443</b>	DATE OF INSPECTION <b>6/4/2009</b>
LOCATION OF INSTRUMENT (STREET AND CITY) <b>1510 E. Elm St., Jefferson City</b>	TIME OF INSPECTION <b>14:51</b>

**CHECKLIST:** Place a check (✓) to the left of each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unchecked items must be corrected before using instrument.

☒ **DIAGNOSTIC CHECK (PRINTOUT ATTACHED)**

☒ **COMPUTER**

☒ **DETECTOR**

☒ **PROGRAM**

☒ **FILTERS**

☒ **HEATERS SAMPLE CHAMBER** +48°C

☒ **QUARTZ STANDARD**

☒ **FLOW DETECTOR**

☒ **CALIBRATION**

☒ **PUMP HIGH SPEED**

☒ **PRINTER**

☒ **INDICATOR LIGHTS**

☒ **TIME AND DATE** 13:20 6/2/2009

☒ **SIMULATOR TEMPERATURE** (34 °C ± 0.2°C) +34.19°C

☒ **CALIBRATION CHECK -**

Run three tests using a standard solution. All three tests must be within ± 5% of the standard value and must have a spread of .005 or less. Check the box corresponding to the standard solution being used. (PRINTOUT ATTACHED) (USE RECIRCULATION PUMP)

☐ 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE

☒ 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

(ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)

TEST 1  .039	TEST 2  .038	TEST 3  .039
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☒ **PERFORM R.F.I. TEST (PRINTOUT ATTACHED)**

☒ **NUMBER OF REFUSALS, SINCE LAST MAINTENANCE REPORT, AND NUMBER OF BREATH TESTS IN EACH RANGE AS FOLLOWS: (DO NOT INCLUDE SIMULATOR TESTS)**

REFUSALS 0	(0-.04) 0	(.05-.09) 0	(.10-.14) 0	(.15-.19) 0	(Over .19) 0
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List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary)

Upgraded firmware from 12-15-1999 to 04-07-2009. Reset time of instrument (DST). Recalibrated instrument.

Guth Laboratories, lot #09010, expiring 1/6/2010

**INSPECTING OFFICER**

SIGNATURE

PRINT NAME

Dewayne D. Carver

TYPE II PERMIT NUMBER/EXPIRATION DATE

720219

10/29/2009

TELEPHONE NUMBER

(573) 751-4722



**GUTH LABORATORIES, INC.**

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

### CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **09010** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography and found to contain **0.0482** percent (w/vol) ethyl alcohol. The expiration date for this lot number is **January 6, 2010** at **11:59 PM**.

When used in a calibrated Simulator, operating at  $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$ , this solution will give a breath alcohol analysis instrument reading of **0.04** percent BAC.

The alcohol and water used in this solution were free of test interfering substances.

Ted L. Pauley, President  
GUTH LABORATORIES, INC.

FACE THIS SIDE DOWN - THIS EDGE IN FIRST

**BAC DataMaster**  
Evidence Ticket

MISSOURI STATE HIGHWAY PATROL  
BAC DATAMASTER SERIAL NUMBER 940443  
06/04/09  
14:51

--- DIAGNOSTIC CHECK ---

COMPUTER: OKAY  
PROGRAM (04-07-2009): OKAY  
HEATERS  
SAMPLE CHAMBER: 43c  
FLOW DETECTOR: OKAY  
PUMP  
HIGH SPEED: OKAY  
DETECTOR: OKAY  
FILTERS: OKAY  
QUARTZ STANDARD: OKAY  
CALIBRATION: OKAY

PRINTER TEST

!"#\$%&'()\*+,-./0123456789:;<=>?@AB CDEFG  
HIJKLMNOPQRSTUVWXYZ[\]^\_`abcdefg hijklmno  
pqrstuvwxyz{|}~\*+,-./0123456789:;<=>?@AB CDEFG

OPERATOR SIGNATURE

Card Stock No.  
60021

*George Carver*

FACE THIS SIDE DOWN - THIS EDGE IN FIRST

**BAC DataMaster**  
Evidence Ticket

MISSOURI STATE HIGHWAY PATROL  
BAC DATAMASTER SERIAL NUMBER 940443  
06/04/09

TESTING OFFICER:  
CARVER/DEWAYNE/D  
OFFICER I.D.: C41  
PERMIT NUMBER: 720219  
EXPIRATION DATE: 10/29/09  
MISCELLANEOUS DATA:  
.04 VAPOR CALIBRATION CHECK  
GUTH LABS LOT 09010 EXP 1/6/2010

--- SUPERVISOR MODE ---

BLANK TEST	.000	14:56
INTERNAL STANDARD	VERIFIED	14:56
EXTERNAL STANDARD	.039	14:57
BLANK TEST	.000	14:57
EXTERNAL STANDARD	.038	14:58
BLANK TEST	.000	14:58
EXTERNAL STANDARD	.039	14:59
BLANK TEST	.000	15:00

N = 3  
SIM. = .1  
AVG. = .0386

FACE THIS SIDE DOWN - THIS EDGE IN FIRST

**BAC DataMaster**  
Evidence Ticket

MISSOURI STATE HIGHWAY PATROL  
BAC DATAMASTER SERIAL NUMBER 940443  
06/04/09

ARREST TIME: 00:00  
SUBJECT NAME:  
X  
DOB: 01/01/01 SEX: M  
STATE/D.L.: XX/X  
ARRESTING OFFICER:  
X  
OFFICER I.D.: X  
TESTING OFFICER:  
CARVER/DEWAYNE/D  
OFFICER I.D.: C41  
PERMIT NUMBER: 720219  
EXPIRATION DATE: 10/29/09  
MISCELLANEOUS DATA:  
RFI TEST

--- BREATH ANALYSIS ---

BLANK TEST	.000	15:02
INTERNAL STANDARD	VERIFIED	15:02
SUBJECT SAMPLE	.000	15:02
RADIO INTERFERENCE		

State of Missouri  
DEPARTMENT OF HEALTH



P E R M I T  
TYPE II



DEWAYNE D. CARVER

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field repairs, and operate the following breath analyzer(s):

DATAMASTER

for the determination of the alcoholic content of blood from a sample of expired (alveolar) air. Issued under the provisions of sections 577.020 through 577.041, RSMo 1986.

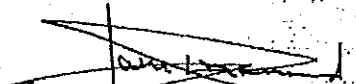
Date 10/29/07

Number 720219

Expires 10/29/2009

MO 580-0771 (7-88)

  
Director of State Public Health Laboratory

  
Director, Department of Health

Lab. 4 (R7-88)